CLAIMS

What is claimed is:

1. A system for viewing measurements remotely, comprising:

a processor that is connected to a wireless communications device,

wherein the processor is programmed to retrieve at least one measurement from at least one measurement device via the wireless communications device.

2. The system of claim 1, wherein the measurement represents at least one output from a sensor.

3. The system of claim 1, further comprising a user interface connected to the processor.

4. The system of claim 1, wherein the processor is further programmed to configure the measurement device.

5. The system of claim 1, wherein the processor is further programmed to perform at least one of: displaying data that has been retrieved from the measurement device, analyzing data that has been retrieved from the measurement device, and storing data that has been retrieved from the measurement device.

6. The system of claim 1, wherein the computer is selected from the group consisting of a custom-designed computing device, a desktop personal computer, a laptop personal computer, a handheld computer, or a java-enabled portable computing device.

7. The system of claim 1, further comprising a wireless network.

8. The system of claim 7, wherein the wireless communications device sends signals to the measurement device via the wireless network.

9. The system of claim 7, wherein the measurement device sends signals to the wireless communications device via the wireless network.

10. The system of claim 1, wherein the measurement device is selected from the group consisting of a gauge and a transducer.

11. The system of claim 1, wherein wireless communications device is capable of being attached to at least one second measurement output device.

12. A system comprising:

a sensor; and

a measurement device comprising a processor programmed to (1) receive an input from the sensor and (2) wirelessly communicate with a remote device.

13. The system of claim 12, wherein the processor is further programmed to convert the input to a measurement.

14. The system of claim 12, wherein the input comprises at least one analog signal.

15. The system of claim 14, wherein the analog signal is in a range from zero to approximately 5 volts.

16. The system of claim 14, wherein the analog signal is in a range from approximately four to approximately twenty milliamps.

17. The system of claim 12, wherein the input comprises at least one digital signal.

18. The system of claim 12, wherein the processor is further programmed to use a scaling function.

19. The system of claim 12, further comprising a wireless network.

20. The system of claim 19, wherein the remote device sends signals to the measurement device via the wireless network.

21. The system of claim 19, wherein the measurement device sends signals to the remote device via the wireless network.

22. The system of claim 12, wherein the measurement device is selected from the group consisting of a gauge and a transducer.

23. The system of claim 12, wherein the measurement device comprises a second wireless communications device that is capable of being attached to at least one second measurement output device.

24. The system of claim 12, wherein the processor is further programmed to receive configuration information from the remote device.

25. The system of claim 12, wherein the remote device is selected from the group consisting of a custom-designed computing device, a desktop personal computer, a laptop personal computer, a handheld computer, or a Java-enabled portable computing device.

26. A system for viewing measurements remotely, comprising:

a first processor that is connected to a wireless communications device;

a sensor; and

at least one measurement device comprising a second processor programmed to (1) receive an input from the sensor and (2) wirelessly communicate with the first processor,

wherein the first processor is programmed to retrieve measurements from the measurement device via the wireless communications device.